H8

SEQUENCE LISTING

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<120> METHODS AND COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE

<130> 10709/14

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<141> 2001-10-30

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<160> 7

<170> PatentIn version 3.1

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<212> PRT
<213> Homo sapiens

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Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Asn Val Ile
1 5 10 15

Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile Thr
20 25 30

Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Gln Arg Gly
35 40 45

Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp Ser Met
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Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
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Gly Leu Ile Gln Glu Met Glu Lys Glu Asp Arg Arg Tyr Asn Pro Pro
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20 25 30

Tyr Ala Thr Gln Ile Pro Cys Lys Arg Phe Ile Tyr Tyr Phe Pro Thr
35 40 45

Ser Gly Gly Cys Ile Lys Pro Gly Ile Ile Phe Ile Ser Arg Arg Gly
50 55 60

Thr Gln Val Cys Ala Asp Pro Ser Asp Arg Arg Val Gln Arg Cys Leu
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Ser Thr Leu Lys Gln Gly Pro Arg Ser Gly Asn Lys Val Ile Ala
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<213> Homo sapiens

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Ile Arg His Pro Leu Pro Ser Arg Leu Val Lys Glu Phe Phe Trp Thr
20 25 30

Ser Lys Ser Cys Arg Lys Pro Gly Val Val Leu Ile Thr Val Lys Asn
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Arg Asp Ile Cys Ala Asp Pro Arg Gln Val Trp Val Lys Lys Leu Leu
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His Lys Leu Ser
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Ile Ile His Gln Gly Phe Gln Asp Thr Ser Ser Asp Cys Cys Phe Asn
20 25 30

Val Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg

35 40 45

Ile Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Thr Gln
50 55 60

Arg Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp
65 70 75 80

Ser Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
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<212> PRT

<213> Artificial sequence

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Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Phe Ser Tyr Ala
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Thr Gln Ile Pro Cys Lys Arg Phe Ile Tyr Tyr Phe Pro Thr Ser Gly
20 25 30

Gly Cys Ile Lys Pro Gly Ile Ile Phe Ile Ser Arg Arg Gly Thr Gln
35 40 45

Val Cys Ala Asp Pro Ser Asp Arg Arg Val Gln Arg Cys Leu Ser Thr
50 55 60

Leu Lys Gln Gly Pro Arg Ser Gly Asn Lys Val Ile Ala
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Gly Pro Tyr Gly Ala Asn Val Glu Asp Ser Ile Cys Cys Phe Asn Val
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Ile Asn Arg Lys Ile Pro Ile Gln Arg Leu Glu Ser Tyr Thr Arg Ile
20 25 30

Thr Asn Ile Gln Cys Pro Lys Glu Ala Val Ile Phe Lys Lys Thr Gln
35 40 45

Arg Gly Lys Glu Val Cys Ala Asp Pro Lys Glu Arg Trp Val Arg Asp
50 55 60

Ser Met Lys His Leu Asp Gln Ile Phe Gln Asn Leu Lys Pro
65 70 75

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<212> PRT

<213> Artificial sequence

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<223> Chimeric molecule

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Gln Pro Asp Ser Val Ser Ile Pro Ile Thr Cys Cys Gln Asp Tyr Ile
1 5 10 15

Arg His Pro Leu Pro Ser Arg Leu Val Lys Glu Phe Phe Trp Thr Ser
20 25 30

Lys Ser Cys Arg Lys Pro Gly Val Val Leu Ile Thr Val Lys Asn Arg
35 40 45

Asp Ile Cys Ala Asp Pro Arg Gln Val Trp Val Lys Lys Leu Leu His
50 55 60

Lys Leu Ser
65